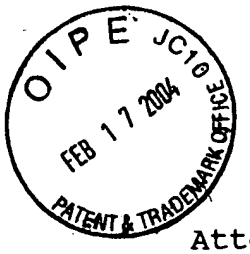
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Regarding: Hildebrandt et al.
Serial No. 10/674,168
Filing Date 09/29/2003
Docket No. KING-59C
For DIRECTLY REFRIGERATED BLOCK

Information Disclosure Statement

Attention: Art Unit 2856

Commissioner for Patents
Post Office Box No. 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence is deposited with the U.S. Postal Service with sufficient postage as first class mail, addressed to the Office address above on the date below:

Christopher John Rudy: Christopher John Rudy Date: 2/13/2004.

Sir:

Please consider this information in the examination of the present patent application.

The invention of the present application has been assigned to KING REFRIGERATION, INC. of Freeland, Michigan. An ASSIGNMENT conveying the same was filed for recordation on Sep. 23, 2003.

Submitted herewith are a "Form PTO-1449" and copies of the following references:

Gyer et al., US 4472963. This discloses a cold cranking simulator including a sample supply system and viscometer.

Selby et al., US 5852230. This discloses a device to test pumpability of oils at low temperature, and is cited in the present specification. See, e.g., pp. 1, 7, 13.

Duke, US 5877410. This discloses an emulsifier and structural analyzer.

ASTM D 4684-98. This discloses a standard test method for determination of yield stress and apparent viscosity of engine oils at low temperature, and is cited in the present specification. See, e.g., pp. 1, 13.

CANNON (Reg. U.S. Pat. & Tm. Off.) MINI-ROTARY VISCOMETER, catalog, pp. 47-49. This refers to the MRV cited in the present specification. See, e.g., p. 1.

Hildebrandt, "A New Direct Refrigeration Approach to MRV/TP1," unpublished draft, April 25, 2003.

Hildebrandt et al., "A New Direct Refrigeration Approach to MRV/TP1 Low Temperature Pumpability for Precision, Safety, and Simplicity," review version, 2002 October 22 - San Diego.

Hildebrandt et al., U.S. patent application No. 10/077,236. This discloses direct and/or opposing flowpath refrigeration, and is cited in the present specification. See, e.g., pp. 1, 6, 7, 13.

Hildebrandt et al., U.S. patent application No. 60/269,372. This discloses direct and/or opposing flowpath refrigeration, say, for low temperature viscometric and other devices, and is cited in the present specification. See, e.g., p. 13.

Hildebrandt et al., U.S. patent application No. 60/310,768. This discloses direct refrigeration, and is cited in the present specification. See, e.g., p. 13.

Reese, Chem. & Eng. News, NEWSCRIPTS, "Odd device may be the work of Maxwell's demon," p. 56, March 11, 1996.

It is believed that such information alone does not anticipate, nor does any of it alone or in combination with any other reference cited by the present paper render obvious, the present claims of this invention.

Please indicate consideration of the art on the form, and return a copy of the inscribed form with the first Office action.

A Notice of Allowance is solicited.

Respectfully,

MARC J. HILDEBRANDT ET AL.

Dated: February 13, 2004 A.D.

By Christopher John Rudy

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Encl

Form PTO-1440 (REV. 8-83) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ADAPTED

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
KING-59C	10/674168
APPLICANT: Hildebrandt et al.	
FILING DATE: 09/29/2003	GROUP: 2856

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4472963	9/1984	Gyer et al.	73	60	
		5852230	12/1998	Selby et al.	73	54.35	
		5877410	3/1999	Duke	73	54.28	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		ASTM D 4684-98.
		CANNON® MINI-ROTARY VISCOMETER, catalog pp. 47-49.
		Hildebrandt, "A New Direct Refrigeration Approach to MRV/TP1," unpublished draft, April 25, 2003 A.D..
		Hildebrandt et al., "A New Direct Refrigeration Approach to MRV/TP1 Low Temperature Pumpability...," review version, 2002 October 22-San Diego.
		Hildebrandt et al., U.S. patent application No. 10/077,236 filed 02/15/2002.
		Hildebrandt et al., U.S. patent application No. 60/269,372 filed 02/16/2001.
		Hildebrandt et al., U.S. patent application No. 60/310,768 filed 08/08/2001.
		Reese, Chem&Eng. News, NEWSCRIPTS, "Odd device may be the work of Maxwell's demon," p. 56, March 11, 1996 A.D.

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation is attached.